

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"6115728".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/06 14:49
L2	1402	"708"/\$.ccls. and complex and (matrix or matrices)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/06 14:50
L3	396	transform\$5 and accumul\$5 and 2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/06 14:51
L4	17	(linear adj transform\$5) and 3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/06 14:51
L5	45	count\$3 and (memory and (reduc\$5 and (zero\$1 and (708/620,607.ccls. and (((matrix or matrices) and "708"/\$.ccls.) and ((multiplication or multiplier\$1 or multiplying or product\$1) and ((matrix or matrices) and "708"/\$.ccls.))))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/06 14:56
L6	28	((708/400,402-405.ccls. and address\$3 and coefficient\$1 and RAM) not (((708/400-409.ccls. and address and coefficient\$1) and mode\$1) and multiplexer\$1)) and butter\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/06 14:56
L7	53	((matrix or matrices).ti. or (matrix or matrices).ab. or (matrix or matrices).clm.) and ((((((matrix or matrices) and 708/400-409.ccls.) and linear) and (split\$3 or divid\$3 or sub)) and transform\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/06 14:56
L8	30	((708/400,402-405.ccls. and address\$3 and coefficient\$1 and RAM) not (((708/400-409.ccls. and address and coefficient\$1) and mode\$1) and multiplexer\$1)) and butter\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/06 14:56
L9	27	"3673399".URPN.	USPAT	OR	ON	2004/12/06 14:56

L10	40	(((((matrix or matrices).ti. or (matrix or matrices).ab.) and ((calculat\$3 or comput\$3) and (product\$1 or multipl\$7)) and "708"/\$.ccls.) and 708/400-409.ccls.) not (((matrix or matrices).ti. or (matrix or matrices).ab. or (matrix or matrices).clm.) and (((matrix or matrices) and 708/400-409.ccls.) and linear) and (split\$3 or divid\$3 or sub)) and transform\$5)) or (((matrix or matrices).ti. or (matrix or matrices).ab. or (matrix or matrices).clm.) and (((matrix or matrices) and 708/400-409.ccls.) and linear) and (split\$3 or divid\$3 or sub)) and transform\$5)) and (zeros or empty)))) and (zero\$1 or empty)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/06 14:56
S1	11973	(transform\$5.ti. or transform\$5.ab.) and (matrix or matrices)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/16 18:02
S2	845	708/400-409.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/16 18:03
S3	365	(matrix or matrices) and 708/400-409.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/16 18:04
S4	140	((matrix or matrices) and 708/400-409.ccls.) and linear	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/16 18:03
S5	111	((matrix or matrices) and 708/400-409.ccls.) and linear) and (split\$3 or divid\$3 or sub)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/16 18:03
S6	108	(((((matrix or matrices) and 708/400-409.ccls.) and linear) and (split\$3 or divid\$3 or sub)) and transform\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/16 18:04

S7	46	((matrix or matrices).ti. or (matrix or matrices).ab. or (matrix or matrices).clm.) and (((((matrix or matrices) and 708/400-409.ccls.) and linear) and (split\$3 or divid\$3 or sub))) and transform\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/06 14:56
S8	32	(((matrix or matrices).ti. or (matrix or matrices).ab. or (matrix or matrices).clm.) and (((((matrix or matrices) and 708/400-409.ccls.) and linear) and (split\$3 or divid\$3 or sub))) and transform\$5)) and (zeros or empty)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/16 18:25
S9	6	((("5267185") or ("4914615") or ("4945506"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/09/16 18:27
S10	246992	(matrix or matrices).ti. or (matrix or matrices).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/16 18:27
S11	859656	(calculat\$3 or comput\$3) and (product\$1 or multipl\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/16 18:28
S12	490	((matrix or matrices).ti. or (matrix or matrices).ab.) and ((calculat\$3 or comput\$3) and (product\$1 or multipl\$7)) and "708"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/16 18:28
S13	97	(((matrix or matrices).ti. or (matrix or matrices).ab.) and ((calculat\$3 or comput\$3) and (product\$1 or multipl\$7)) and "708"/\$.ccls.) and 708/400-409.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/16 18:29

S14	73	(((matrix or matrices).ti. or (matrix or matrices).ab.) and ((calculat\$3 or comput\$3) and (product\$1 or multipl\$7)) and "708"/\$.ccls.) and 708/400-409.ccls.) not (((matrix or matrices).ti. or (matrix or matrices).ab. or (matrix or matrices).clm.) and (((matrix or matrices) and 708/400-409.ccls.) and linear) and (split\$3 or divid\$3 or sub)) and transform\$5)) or (((matrix or matrices).ti. or (matrix or matrices).ab. or (matrix or matrices).clm.) and (((matrix or matrices) and 708/400-409.ccls.) and linear) and (split\$3 or divid\$3 or sub)) and transform\$5)) and (zeros or empty)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/16 18:32
S15	38	(((matrix or matrices).ti. or (matrix or matrices).ab.) and ((calculat\$3 or comput\$3) and (product\$1 or multipl\$7)) and "708"/\$.ccls.) and 708/400-409.ccls.) not (((matrix or matrices).ti. or (matrix or matrices).ab. or (matrix or matrices).clm.) and (((matrix or matrices) and 708/400-409.ccls.) and linear) and (split\$3 or divid\$3 or sub)) and transform\$5)) or (((matrix or matrices).ti. or (matrix or matrices).ab. or (matrix or matrices).clm.) and (((matrix or matrices) and 708/400-409.ccls.) and linear) and (split\$3 or divid\$3 or sub)) and transform\$5)) and (zeros or empty)))) and (zero\$1 or empty)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/06 14:56
S16	34	toplitz	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/16 18:43
S17	3123	(matrix or matrices) and "708"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 13:41
S18	0	((matrix or matrices) and "708"/\$.ccls.) and avner.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 13:41

S19	2	((matrix or matrices) and "708"/\$. ccls.) and doron.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 13:41
S20	39	((matrix or matrices) and "708"/\$. ccls.) and daniel.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 13:47
S21	2376	(multiplication or multiplier\$1 or multiplying or product\$1) and ((matrix or matrices) and "708"/\$. ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 13:48
S22	558	708/620,607.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 13:48
S23	2376	((matrix or matrices) and "708"/\$. ccls.) and ((multiplication or multiplier\$1 or multiplying or product\$1) and ((matrix or matrices) and "708"/\$.ccls.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 13:49
S24	125	708/620,607.ccls. and (((matrix or matrices) and "708"/\$.ccls.) and ((multiplication or multiplier\$1 or multiplying or product\$1) and ((matrix or matrices) and "708"/\$. ccls.)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 13:49
S25	93	zero\$1 and (708/620,607.ccls. and (((matrix or matrices) and "708"/\$.ccls.) and ((multiplication or multiplier\$1 or multiplying or product\$1) and ((matrix or matrices) and "708"/\$.ccls.))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 13:49
S26	76	reduc\$5 and (zero\$1 and (708/620,607.ccls. and (((matrix or matrices) and "708"/\$.ccls.) and ((multiplication or multiplier\$1 or multiplying or product\$1) and ((matrix or matrices) and "708"/\$. ccls.))))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 13:49
S27	63	memory and (reduc\$5 and (zero\$1 and (708/620,607.ccls. and (((matrix or matrices) and "708"/\$.ccls.) and ((multiplication or multiplier\$1 or multiplying or product\$1) and ((matrix or matrices) and "708"/\$.ccls.))))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 13:50

S28	44	count\$3 and (memory and (reduc\$5 and (zero\$1 and (708/620,607.ccls. and (((matrix or matrices) and "708"/\$.ccls.) and ((multiplication or multiplier\$1 or multiplying or product\$1) and ((matrix or matrices) and "708"/\$.ccls.)))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/06 14:56
S29	8	US-5357454-\$.DID. OR US-5561618-\$.DID. OR US-5574675-\$.DID. OR US-5870378-\$.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 15:32
S30	8	((("5357454") or ("5561618") or ("5574675") or ("5870378")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/08 09:11
S31	45	708/400-409.ccls. and ((in adj place) or in-place)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/08 09:15
S32	2	("3517173"   "3544775").PN.	USPAT	OR	ON	2004/07/08 09:14
S33	27	"3673399".URPN.	USPAT	OR	ON	2004/12/06 14:56
S34	301	708/400-409.ccls. and address and coefficient\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/08 09:22
S35	132	(708/400-409.ccls. and address and coefficient\$1) and mode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/08 09:16
S36	158	(708/400-409.ccls. and address and coefficient\$1) and mode\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/08 09:16
S37	87	((708/400-409.ccls. and address and coefficient\$1) and mode\$1) and multiplexer\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/08 09:19
S38	114	708/400,402-405.ccls. and address\$3 and coefficient\$1 and RAM	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/08 09:20

S39	79	(708/400,402-405.ccls. and address\$3 and coefficient\$1 and RAM) not (((708/400-409.ccls. and address and coefficient\$1) and mode\$1) and multiplexer\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/08 09:20
S40	27	((708/400,402-405.ccls. and address\$3 and coefficient\$1 and RAM) not (((708/400-409.ccls. and address and coefficient\$1) and mode\$1) and multiplexer\$1)) and butter\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/06 14:56
S41	29	((708/400,402-405.ccls. and address\$3 and coefficient\$1 and RAM) not (((708/400-409.ccls. and address and coefficient\$1) and mode\$1) and multiplexer\$1)) and butter\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/06 14:56
S42	44	708/400-409.ccls. and transformation and accumulats\$3 and control and address\$3 and counter\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/08 09:22

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matrix &lt;and&gt; linear transformation

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**1 Spectral magnitude quantization based on linear transforms for 4 kb/s speech coding**

*Etemoglu, C.O.; Cuperman, V.;*  
Acoustics, Speech, and Signal Processing, 2001. Proceedings. (ICASSP '01).  
2001 IEEE International Conference on , Volume: 2 , 7-11 May 2001  
Pages:701 - 704 vol.2

[Abstract] [PDF Full-Text (348 KB)] IEEE CNF

**2 RC admittance matrix realization by linear transformation**

*Matsumoto, N.;*  
Circuits and Systems, IEEE Transactions on , Volume: 29 , Issue: 10 , Oct 1982  
Pages:663 - 673

[Abstract] [PDF Full-Text (1072 KB)] IEEE JNL

**3 Interrelationship of single-filter and multiple-model adaptive algorithms**

*Hanlon, P.D.; Maybeck, P.S.;*  
Aerospace and Electronic Systems, IEEE Transactions on , Volume: 34 , Issue: 3 , July 1998  
Pages:934 - 946

[Abstract] [PDF Full-Text (1192 KB)] IEEE JNL

**4 Linear regression under maximum a posteriori criterion with Markov random field prior**

*Xintian Wu; Yonghong Yan;*  
Acoustics, Speech, and Signal Processing, 2000. ICASSP '00. Proceedings.  
2000 IEEE International Conference on , Volume: 2 , 5-9 June 2000  
Pages:11997 - 11000 vol.2

[Abstract] [PDF Full-Text (292 KB)] IEEE CNF

**5 Equivalent Kalman filter bank structure for multiple model adaptive estimation (MMAE) and generalized likelihood ratio (GLR) failure detection**

*Hanlon, P.D.; Maybeck, P.S.;*  
Decision and Control, 1997., Proceedings of the 36th IEEE Conference on , Volume: 5 , 10-12 Dec. 1997  
Pages:4312 - 4317 vol.5



[\[Abstract\]](#) [\[PDF Full-Text \(560 KB\)\]](#) [IEEE CNF](#)

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**6 On the Injectivity of modular mappings**

*Lee, H.J.; Fortes, J.A.B.;*

Application Specific Array Processors, 1994. Proceedings., International Conference on , 22-24 Aug. 1994

Pages:236 - 247

[\[Abstract\]](#) [\[PDF Full-Text \(512 KB\)\]](#) [IEEE CNF](#)

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**7 Modeling inverse covariance matrices by basis expansion**

*Olsen, P.A.; Gopinath, R.A.;*

Speech and Audio Processing, IEEE Transactions on , Volume: 12 , Issue: 1 , Jan. 2004

Pages:37 - 46

[\[Abstract\]](#) [\[PDF Full-Text \(336 KB\)\]](#) [IEEE JNL](#)

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**8 Matrix factorizations for reversible Integer mapping**

*Pengwei Hao; Qingyun Shi;*

Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions on] , Volume: 49 , Issue: 10 , Oct. 2001

Pages:2314 - 2324

[\[Abstract\]](#) [\[PDF Full-Text \(288 KB\)\]](#) [IEEE JNL](#)

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**9 Construction of linear predictors for stationary vector sequences**

*Baram, Y.;*

Automatic Control, IEEE Transactions on , Volume: 35 , Issue: 2 , Feb. 1990

Pages:236 - 239

[\[Abstract\]](#) [\[PDF Full-Text \(296 KB\)\]](#) [IEEE JNL](#)

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**10 Modeling inverse covariance matrices by basis expansion**

*Olsen, P.A.; Gopinath, R.A.;*

Acoustics, Speech, and Signal Processing, 2002. Proceedings. (ICASSP '02). IEEE International Conference on , Volume: 1 , 13-17 May 2002

Pages:I-945 - I-948 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(316 KB\)\]](#) [IEEE CNF](#)

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**11 Geometric linear discriminant analysis**

*Ordowski, M.; Meyer, G.G.L.;*

Acoustics, Speech, and Signal Processing, 2001. Proceedings. (ICASSP '01). 2001 IEEE International Conference on , Volume: 5 , 7-11 May 2001

Pages:3173 - 3176 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(280 KB\)\]](#) [IEEE CNF](#)

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**12 The illumination-invariant recognition of color texture**

*Healey, G.; Lizhi Wang;*

Computer Vision, 1995. Proceedings., Fifth International Conference on , 20-23 June 1995

Pages:128 - 133

[\[Abstract\]](#) [\[PDF Full-Text \(480 KB\)\]](#) [IEEE CNF](#)

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**13 A critical review of the synthesis of the orthogonal Frank lead ECGs from 12 lead recordings**

*de Chazal, P.; Celler, B.G.;*

Engineering in Medicine and Biology Society, 1994. Engineering Advances: New Opportunities for Biomedical Engineers. Proceedings of the 16th Annual International Conference of the IEEE , 3-6 Nov. 1994

Pages:958 - 959 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(160 KB\)\]](#) [IEEE CNF](#)

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**14 A subjective distortion measure for vector quantization**

*Xiaolin Wu; Kaizhong Zhang;*

Data Compression Conference, 1994. DCC '94. Proceedings , 29-31 March 1994

Pages:22 - 31

[\[Abstract\]](#) [\[PDF Full-Text \(336 KB\)\]](#) [IEEE CNF](#)

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**15 Using a Hopfield network for rotation and scale independent pattern recognition**

*Hemminger, T.L.; Raez, C.A.;*

Neural Networks, 1994. IEEE World Congress on Computational Intelligence., 1994 IEEE International Conference on , Volume: 5 , 27 June-2 July 1994

Pages:3003 - 3008 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(328 KB\)\]](#) [IEEE CNF](#)

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